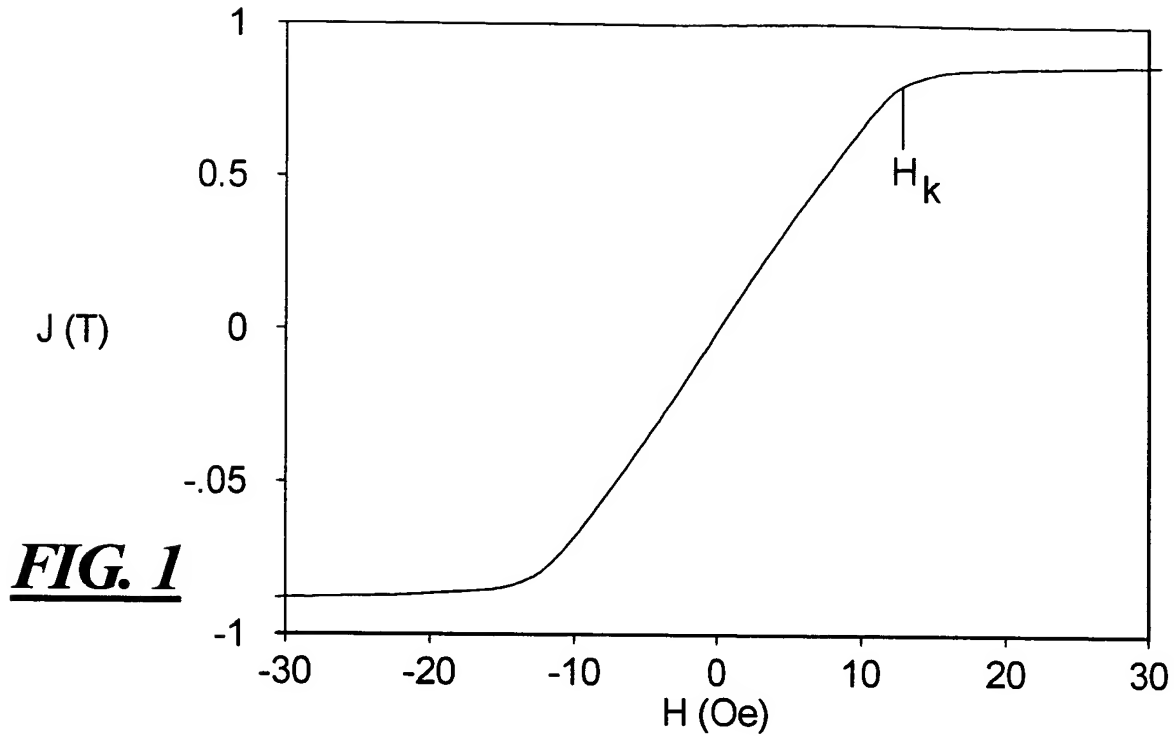
1
0.5
0
-.05
-1
J (T)
H_k
-30
-20
-10
0
10
20
30
H (Oe)

FIG. 1

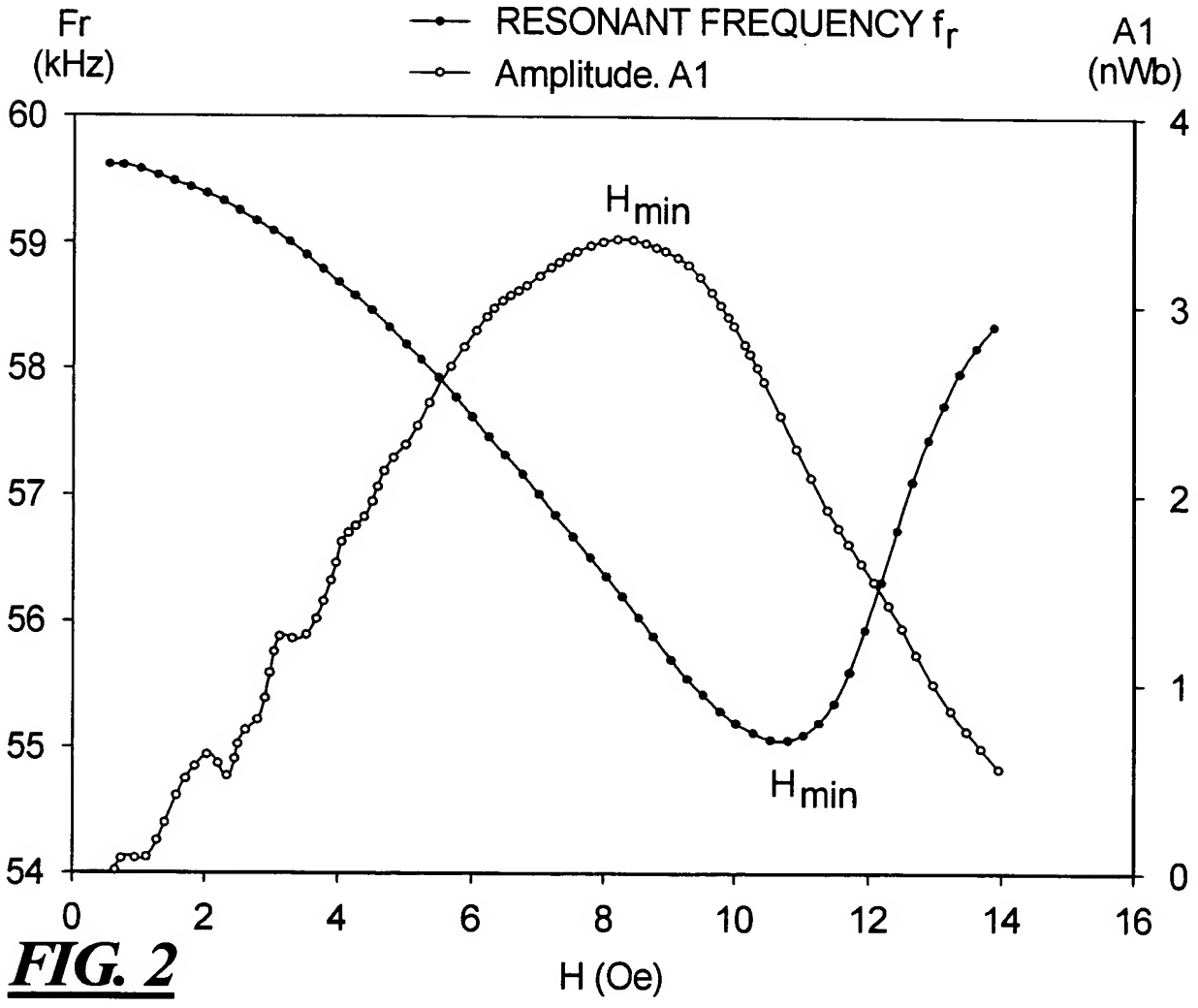
Fr
(kHz)
RESONANT FREQUENCY f_r
Amplitude. A1
A1
(nWb)
60
59
58
57
56
55
54
4
3
2
1
0
H_{min}
H_{min}
0
2
4
6
8
10
12
14
16
H (Oe)

FIG. 2

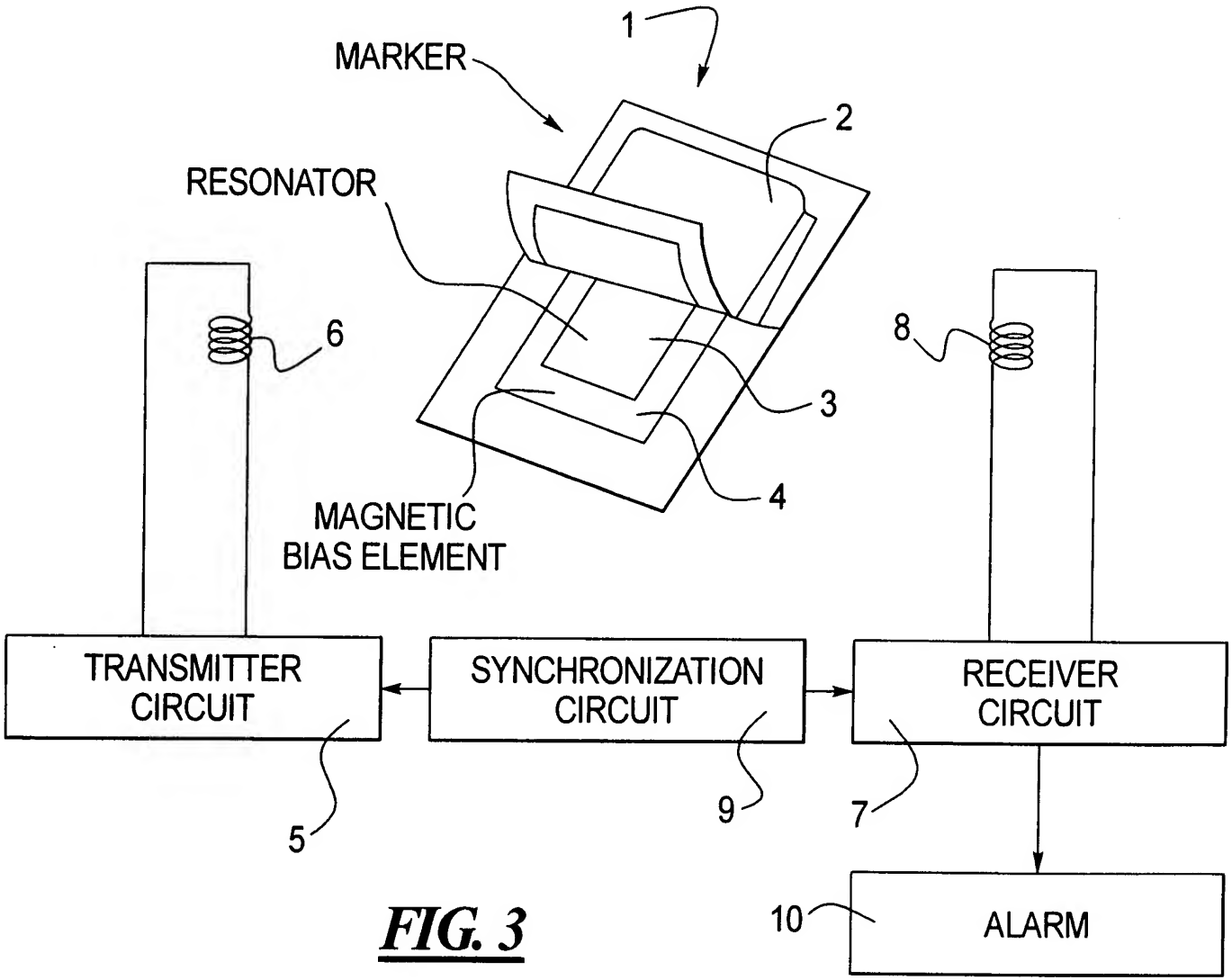
1
MARKER
2
RESONATOR
6
8
3
4
MAGNETIC
BIAS ELEMENT
TRANSMITTER
CIRCUIT
SYNCHRONIZATION
CIRCUIT
RECEIVER
CIRCUIT
5
9
7
10
ALARM

FIG. 3